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1/1 ページ

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(54) FLAME-RETARDANT EPOXY RESIN COMPOSITION AND ELECTRIC PARTS USING THE SAME

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a flame-retardant epoxy resin composition that contains no halogen flame retarder with reduced occurrence of hazardous gases and shows excellent flame retardancy and excellent workability because of its low viscosity and provide electric parts insulation-treated with this composition.

SOLUTION: In a flame retardant epoxy resin composition that contains an epoxy resin, an acid anhydride and alumina hydrate, an aluminum chelate compound (preferably alkyl acetoacetate-aluminum diisopropylate) is added as a moist dispersant in an amount of 1 or more wt.% based on the epoxy resin. This flame retardant epoxy resin composition is used to insulation-treat electric parts.

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